

REVENUE REPORT

ON

The Irrigation Works of the Ajmer-Merwara District

For the year 1922-23



RAJPUTANA PROVINCE.

Public Works Department.

IRRIGATION BRANCH.

Chief Commissioner's review of the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1922-23.

No. 231-S.

Dated Mount Abu, the 31st March 1924.

READ—

Memorandum No. 2626-IX—21 (1)-III, dated the 13th February 1924, from the Commissioner of Ajmer-Merwara forwarding the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1922-23, together with the usual appendices.

OBSERVATIONS.

1. The average rainfall during the year 1922-23 was 16.57 inches as against 17.91 inches in 1921-22 and a normal of 21 inches.

2. From an irrigation point of view the year under report was fairly satisfactory, the outturn of Rabi and Kharif harvests being fair. The total gross revenue assessed for the year amounted to Rs. 1,26,769 as compared with Rs. 1,14,812 for 1921-22.

The financial results of the year are tabulated below :—

Sub-Collectorate.	TOTAL CAPITAL OUTLAY INCLUDING DIRECT CHARGES.		GROSS REVENUE COLLECTIONS.			WORKING EXPENSES.			Net Revenue.	Percentage of net revenue on Capital at end of 1922-23.
	During the year.	To end of the year.	Irrigation Revenue.	Miscellaneous receipts.	Total.	Direct.	Indirect.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Ajmer . . . . .	...	18,61,805	47,579	2,653	50,232	65,514	3,215	68,729	—18,497	—0.99
Benwar . . . . .	...	11,94,229	31,331	1,745	33,076	19,222	944	20,166	12,910	1.08
Todgarh	1,952	4,91,899	20,292	335	20,627	35,368	1,766	37,154	—16,527	—3.35
Total for 1922-23 . . .	1,952	95,47,933	99,202	4,733	1,03,935	1,20,124	5,925	1,26,049	—22,114	—0.62
Total for 1921-22 . . .	37,956	85,45,951	1,07,262	6,578	1,13,840	1,10,206	5,093	1,15,299	—1,459	—0.04

Two diagrams of financial and working records are attached.

3. The following table compares the Irrigation revenue assessed for the year 1921-22 with the area irrigated and protected :—

Sub-Collectorate.	Irrigation Revenue assessed.	AREA IN ACRES.			Assessment per acre.
		Irrigated.	Protected.	Total.	
	Rs.	Rs.	Rs.	Rs.	
Ajmer	37,090	5,953	1,423	7,376	5.02
Beawar	31,046	2,583	5,423	8,006	3.87
Todgarh	20,071	1,288	1,939	3,227	6.21
Total for 1922-23	88,207	9,824	8,785	18,609	4.74
Total for 1921-22	1,03,234	16,660	6,771	23,431	4.61

The Irrigated Revenue assessed includes all assessments due to protected as well as irrigated areas, and also the fixed yearly assessment of

(a) Rs. 35,798 on crops irrigated from wells, and

(b) Rs. 7,395 on account of difference between dry and wet rates.

Of the area irrigated 5,943 acres were cultivated under *Kharif* and 3,881 acres under *Rabi* as compared with 10,168 and 6,492 acres, respectively, in 1921-22.

No remissions were made during the year under report.

The outstandings of revenue demand at the end of 1922-23 aggregated Rs. 22,345.

4. The working expenses were distributed as follows :—

Details of working expenses.	1921-22.	1922-23.	Increase (+) or Decrease (—).
	Rs.	Rs.	Rs.
Extensions and Maintenance	70,821	75,962	+5,141
Establishment	36,939	42,074	+5,135
Tools and Plant	2,446	1,628	—818
<i>Sundries.</i>			
Suspense . . . . .	...	541	+541
Deduct—Recoveries on Revenue account . . . . .	...	—81	—81
Leave and Pension allowances	4,385	5,165	+780
Audit and Account Establishment	708	760	+52
	1,15,299	1,26,049	10,750

The working expenses per acre irrigated and protected rose from Rs. 4.92 in 1921-22 to Rs. 6.77 in 1922-23. The increase is due to the area irrigated in 1922-23 being less than that of the previous year by 4,822 acres and to more expenditure to the extent of Rs. 10,750 mainly in the Ajmer and Todgarh Sub-Collectorates.

5. The value of crops raised on 18,609 acres during 1922-23 was estimated at Rs. 6,61,016. The principal crops were cotton, barley, maize, mixed grains and wheat, and their estimated values were Rs. 2,04,211, 1,05,239, 1,47,014, 72,694 and 56,750 respectively.

6. During the year experiments were made to ascertain the outturn of cotton, maize and gujji (barley and wheat) in the Ajmer Tehsil and maize in the Todgarh Tehsil. The results are shown in statement No. VI attached, prescribed under rule 49 of the Irrigation Rules.

Ordered.—That this review, together with the papers read in the preamble, be printed and 12 copies furnished to the Government of India under a covering letter and 2 advance copies each to the Public Works and Revenue and Statistics Departments of the India Office.

H. J. OLIPHANT,

Secretary to the Hon'ble the Chief Commissioner,

Ajmer-Merwara, in the Public Works Department.

VII. *Remissions*.—No remissions were made during the year under report.

VIII. *Working expenses*.—The working expenses amounted to Rs. 1,26,049 as against 1,15,299 in 1921-22 and 1,07,890 in 1920-21.

The details of expenditure in accordance with the statement furnished by the Accountant-General, P. W. D., are as follows:—

(a) Revenue management	(b) Cost of maintenance	(c) Indirect charges	Total
8,271	1,11,853	5,925	1,26,049
* Works and repairs	75,962		
Establishment	33,803		
Tools and plants	1,623		
Sundries	460		
	1,11,853		

IX. *Percentage on revenue and area assessed*.—The working expenses which amounted to Rs. 1,26,049 were more than the gross revenue assessed by Rs. 33,186.

The incidence of the working expenses on the area assessed was Re. 1 on 1.5 acres.

X. The actual revenue collected amounted to Rs. 1,04,424 and the working expenses to Rs. 1,26,049, showing a deficit of Rs. 21,625.

XI. *Experimental cuttings*.—During the year under report experiments were made to ascertain the outturn of maize, cotton and gujji (barley, wheat) and the results are shown in statement VI prescribed under rule 49 of the Irrigation rules.

XII. *Area and value of different kinds of crops*.—The total area and estimated value of the produce of different kinds of crops irrigated in 1922-23 as compared with those of 1921-22 are as shown below:—

District.	Crop Rate Taxes		Fixed and Variable Taxes		Total for 1922-23	Total for 1921-22		
	Area.	Estimated value.	Area.	Estimated value.	Area.	Estimated value.	Area.	Estimated value.
Ajmer	709½	31,925	6,667	2,62,236	7,376½	2,84,161	8,455	2,07,072
Merwara	1,225½	14,402	10,007½	3,32,452	11,233½	3,76,854	14,916½	2,73,128
Total	1,935½	76,327	16,674½	6,84,688	18,609½	6,61,015	23,371½	2,80,200

E. C. GIBSON, I. C. S.,
Commissioner, Ajmer Merwara.

IRRIGATION WORKS IN RAJPUTANA.

Memo. explaining the increase in the working expenses of 1922-23 compared with those of 1921-22.

Working expenses.	1921-22.	1922-23.	Difference between the actuals of 1921-22 and 1922-23.	Explanation of difference.
	Rs.	Rs.	Rs.	
Extensions and maintenance . . .	70,821	75,062	5,141	Higher expenditure in Ajmer and Todgarh Sub-Collectorates account for the increase.
Establishment	36,939	42,074	5,135	
Tools and Plant	2,446	1,628	—818	
<i>Sundries :—</i>				
Suspense . . . . .	...	541	541
Deduct—Recoveries on revenue account.	...	81	81	
Leave and Pensionary charges . . .	4,355	5,165	780	
Audit and Accounts Establishment .	708	780	52	
TOTAL .	1,15,299	1,20,049	10,750	

B. L. NEHRU,
Deputy Accountant-General,
for Accountant-General, United Provinces.

I.B.

IRRIGATION BRANCH.

Capital account of Irrigation Works in Rajputana for and to end of the year 1922-23.

DURING THE YEAR.															TO END OF THE YEAR.																
Name of work.	DIRECT CHARGES.										INDIRECT CHARGES.					DIRECT CHARGES.										INDIRECT CHARGES.					GRAND TOTAL.
	Works.	Establishment.	Tools and plant.	Profit and Loss.	Loss by Exchange.	Suspense account.	Total.	Deduct Receipts and recoveries on capital account.	Net Total.	Capitalised abatement of land revenue.	Leave and Pensionary charges.	Audit and Accounts Establishment.	Total	Grand Total.	Works.	Establishment.	Tools and Plant.	Profit and Loss.	Loss by Exchange.	Suspense account.	Total.	Deduct Recoveries and receipts on capital account.	Net total.	Capitalised abatement of land revenue.	Leave and Pensionary charges.	Audit and accounts establishment.	Total.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
A.—IRRIGATION WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
(2) Unproductive Works.	14,63,450	3,08,800	17,325	3,548	167	..	17,93,200	690	17,92,900	20,154	49,351	..	69,505	18,61,805			
Tanks in Ajmer Sub-Collectorate.	8,80,050	2,44,776	15,034	..	..	..	11,39,871	396	11,39,475	14,753	39,741	230	54,754	11,94,229			
Tanks in Dewar Sub-Collectorate.	70,946	3,319	..	..	..	13,110	4,71,226	..	4,71,223	9,157	11,514	..	20,671	4,91,899			
Tanks in Todgarh Sub-Collectorate.	27,18,362	6,33,524	35,678	3,543	167	13,110	34,04,359	1,356	34,03,003	44,091,00,606	230	1,44,930	35,47,933				
Total	1,952	1,952	..	1,952	..	..	..	..	1,952	27,18,362	6,33,524	35,678	3,543	167	13,110	34,04,359	1,356	34,03,003	44,091,00,606	230	1,44,930	35,47,933				

B. L. NEHRU,
Deputy Accountant-General,
for Accountant-General, United Provinces.

I.C.

Statement showing the financial results of Irrigation works in Rajputana for the year ending the 31st March 1923.

Reclamation under main heads of Revenue and Working Expenses.

REVENUE (ACTUAL RECEIPTS).										REVENUE MANAGEMENT.										WORKING EXPENSES.										
REVENUE (ACTUAL RECEIPTS).	Irrigation.	Navigation.	Plantation.	Water Power.	Miscellaneous.	Total.	Deduct—Refunds.	Gross Receipts less refunds.		Establishment.					Total revenue Management.	Establishment.					Total.	Works.	Repairs.	Snadries.	Tools and Plant.	Plantation.	Total cost of main-tenance.	Indirect charges.	Grand Total Working Expenses.	Net Revenue.
										Direction.	Executive.	Navigation.	Civil Officers.	Direction.		Executive.	Medical.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Rs. 6411	Rs. 42163	Rs. 47579	Rs. ..	Rs. ..	Rs. 2633	Rs. 26332	Rs. ..	Rs. 26332	Rs. ..	Rs. 26332	Rs. ..	Rs. ..	Rs. ..	Rs. 3917	Rs. 3917	Rs. 5147	Rs. 13839	Rs. ..	Rs. 18536	Rs. 14250	Rs. 27574	Rs. 461	Rs. 693	Rs. ..	Rs. 61567	Rs. 3215	Rs. 68720	Rs. -18497		
Rs. 7345	Rs. 53764	Rs. 51231	Rs. ..	Rs. ..	Rs. 1715	Rs. 53076	Rs. ..	Rs. 53076	Rs. ..	Rs. 53076	Rs. ..	Rs. ..	Rs. ..	Rs. 2503	Rs. 2503	Rs. 1411	Rs. 3670	Rs. ..	Rs. 6081	Rs. 1864	Rs. 9553	Rs. -24	Rs. 245	Rs. ..	Rs. 10719	Rs. 911	Rs. 20166	Rs. 12910		
Rs. 2231	Rs. 17761	Rs. 20232	Rs. ..	Rs. ..	Rs. 318	Rs. 20627	Rs. ..	Rs. 20627	Rs. ..	Rs. 20627	Rs. ..	Rs. ..	Rs. ..	Rs. 1831	Rs. 1831	Rs. 2889	Rs. 7337	Rs. ..	Rs. 10156	Rs. 12085	Rs. 10836	Rs. ..	Rs. 493	Rs. ..	Rs. 33567	Rs. 1706	Rs. 37154	Rs. -10527		
Rs. 12572	Rs. 82713	Rs. 92501	Rs. ..	Rs. ..	Rs. 4713	Rs. 103993	Rs. ..	Rs. 103993	Rs. ..	Rs. 103993	Rs. ..	Rs. ..	Rs. ..	Rs. 8271	Rs. 8271	Rs. 9387	Rs. 21416	Rs. ..	Rs. 33803	Rs. 28189	Rs. 47763	Rs. 460	Rs. 1638	Rs. ..	Rs. 111583	Rs. 5025	Rs. 126049	Rs. -22114		

B. L. NEHRU,

Deputy Accountant-General,

for Accountant-General, United Provinces.

II-C.

RAJPUTANA PROVINCE.

Revised statement showing the Financial results of Irrigation Works for, and up to the end of, 1922-23.

GENERAL FINANCIAL RESULTS TO END OF 1922-23.																							
Name of works.				Mileage in operation	Main canals and branches.	Distributaries.	Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code II, 1918).	Date when system first came into operation.	Total capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenues.	Total sum-at-charge (column 7 + column 8).	Gross receipts (direct and indirect.)	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital outlay, column 7.	Percentage on sum-at-charge, column 10.	Interest at 3-3232 per cent. on direct Capital outlay to end 1916-17 plus interest at 5-48 per cent. on direct capital outlay from 1917-18 to 1921-22 and half the outlay of the year.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12.)
1	2	3	4	5	6	6a	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
UNPRODUCTIVE WORKS.																							
A.—IRRIGATION WORKS.																							
		Mile	Mile	Rs.	Date	Date	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	%	%	Rs.	Rs.	Acre	%				
	Tanks in Ajmer Sub-collectorate	...	...	18,61,805	...	...	18,61,805	16,26,932	...	39,88,737	60,232	68,729	-18,497	-0-99	-0-55	59,598	...	78,095	...	186-82
	Tanks in Bharat Sub-collectorate	...	...	11,94,229	...	...	11,94,229	7,20,349	...	19,14,478	33,076	20,166	12,910	1-08	0-67	39,488	...	23,578	...	60-97
	Tanks in Todgarh Sub-collectorate	...	...	4,78,789	...	...	4,91,899	1,66,624	...	6,57,523	20,627	37,154	-16,527	-3-36	-2-51	15,849	...	32,376	...	180-12
	Tanks in ...	...	...	35,34,823	...	...	86,47,933	24,12,805	...	69,60,738	1,03,935	1,26,019	-22,114	-0-62	-0-37	1,14,935	...	1,37,049	...	121-28

J. S. CHAKRAVARTI,
Accountant-General, United Provinces

J. S. CHAKRAVARTI,
Accountant-General, United Provinces.

Demands and realisations during the year 1992-93 in Ajmer-Merwara District

* The increase in the 1950 age category is due to the fact that Khakoni of certain villages were revised after submission of the Report.

Commissioner, Mineral-Mercuria.

IV-C.

Statement showing the Financial Result of Irrigation works in Ajmer-Merwara for the year 1922-23 based on assessment of the year.
Principal results and operations for the year ended 31st March 1923.

REVENUE ASSESSMENT DURING THE YEAR.														
Class of Works.	Capital outlay (direct and indirect) to end of year.	DIRECT REVENUE.			INDIRECT REVENUE.				Grand Total.	Working Expenses, direct and indirect.	Not assessed revenue of the year.	Percentage on Capital Outlay to end of year.	REMARKS.	
		Water Revenue.	Miscellaneous.	Total.	Water Revenue.	Share of well assessment.	Difference between dry and wet rates.	Total.						
CROP RATE TAXES.														
Ajmer Sub-Collectorate . . .	Rs. . .	Rs. 2,185	Rs. 494	Rs. 2,679	Rs. . .	Rs. . .	Rs. . .	Rs. . .	Rs. 2,679	Rs. 1,358	Rs. 1,321	Rs. . .	Rs. . .	
Beawar . . .	Rs. . .	Rs. 2,376	Rs. 463	Rs. 2,838	Rs. . .	Rs. . .	Rs. . .	Rs. . .	Rs. 2,838	Rs. 712	Rs. 2,116	Rs. . .	Rs. . .	
Todgarh . . .	Rs. . .	Rs. 1,116	Rs. 135	Rs. 1,250	Rs. . .	Rs. . .	Rs. . .	Rs. . .	Rs. 1,250	Rs. 747	Rs. 503	Rs. . .	Rs. . .	
Total . . .	Rs. . .	Rs. 5,676	Rs. 1,082	Rs. 6,757	Rs. . .	Rs. . .	Rs. . .	Rs. . .	Rs. 6,757	Rs. 2,817	Rs. 3,940	Rs. . .	Rs. . .	
FIXED AND VARIABLY ASSESSED OLD TAXES.														
Ajmer . . .	Rs. . .	Rs. 2,297	Rs. 1,808	Rs. 4,105	Rs. 16,632	Rs. 12,471	Rs. 3,505	Rs. 32,608	Rs. 36,713	Rs. 92	Rs. 36,641	Rs. . .	Rs. . .	
Beawar . . .	Rs. . .	Rs. 2,784	Rs. 1,221	Rs. 4,005	Rs. 11,814	Rs. 10,769	Rs. 3,304	Rs. 25,887	Rs. 29,892	Rs. 139	Rs. 29,753	Rs. . .	Rs. . .	
Todgarh . . .	Rs. . .	Rs. 1,019	Rs. 198	Rs. 1,217	Rs. 4,793	Rs. 12,568	Rs. 686	Rs. 17,937	Rs. 19,154	Rs. 43	Rs. 19,111	Rs. . .	Rs. . .	
Total . . .	Rs. . .	Rs. 6,100	Rs. 3,227	Rs. 9,327	Rs. 33,239	Rs. 35,798	Rs. 7,395	Rs. 76,432	Rs. 85,759	Rs. 274	Rs. 85,485	Rs. . .	Rs. . .	
GRAND TOTAL . . .	Rs. . .	Rs. 11,776	Rs. 4,309	Rs. 16,084	Rs. 33,239	Rs. 35,798	Rs. 7,395	Rs. 76,432	Rs. 92,516	Rs. 3,081	Rs. 89,425	Rs. . .	Rs. . .	

E. C. GIBSON, I.C.S.,

Commissioner, Ajmer-Merwara.

Statement of Areas Irrigated by Irrigation Works in the Ajmer-Merwara District during the year 1922-23.

Statement of Areas Irrigated by Irrigation Works in the Ajmer-Merwara District																				
Class of works.	AREAS IRRIGATED AND COUNTERIRRIGATED IN ACRES.										AVERAGE DISCHARGES IN CUBIC FEET PER SECOND.				AREAS IRRIGATED PER CUBIC FOOT PER SECOND.				REMARKS.	
	Kharif.		Rabi.		Total.	Flow.	Lift.	DOUBLE CROPPED.		At Bhad.	Utilised.		Discharged at H.C.D.		Utilised.					
	Irrigated.	Counterirrigated.	Irrigated.	Counterirrigated.				Area irrigated.	Percentage of total area.		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
					1	2	3			4										5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Crop Rabi Tanks.																				
Ajmer	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	...	...	...	...	...	...	...
Bikaner	107	164	311	240	516	374	372	37	63	...	...	...	...	...	...	...	...	...	...	...
Jaipur	72	70	135	102	404	32	128	37	905	...	...	...	...	...	...	...	...	...	...	...
Total	410	241	684	632	1,936	462	671	120	62	...	...	...	...	...	...	...	...	...	...	...
Pond and Variants Associated Tanks.																				
Ajmer	3,502	222	1,518	600	6,667	6,241	501	1,303	15	...	...	...	...	...	...	...	...	...	...	...
Bikaner	604	2,103	1,267	2,623	7,189	1,474	659	161	21	...	...	...	...	...	...	...	...	...	...	...
Jaipur	621	678	437	1,181	2,817	702	294	48	17	...	...	...	...	...	...	...	...	...	...	...
Total	4,727	2,993	3,222	6,304	16,673	7,381	1,184	1,401	84	...	...	...	...	...	...	...	...	...	...	...
Grand Total																				
6,647																				

* The increase of 10½ acres (irrigated and counterirrigated area) as compared with Statement III-E is due to the fact that the figures of certain villages were revised and completed after submission of the latter statement.

E. C. GIBSON, I.C.S.,

Commissioner, Ajmer-Merwara.

F. W. D. Statement I-E.

Statement of Areas irrigated by Irrigation Works in the Ajmer-Merwara District during the year 1922-23.

Name of works.	AREAS IRRIGATED IN ACRES.								AVERAGE DISCHARGE CUBIC FEET PER SECOND.				AREA IRRIGATED CUBIC FEET PER SECOND.				REMARKS.
	Kharif.	Rabi.	Total.	Flow.	Lift.	DOUBLE CROPPED.		AT HEAD.		UTILISED.		DISCHARGE AT HEAD.		UTILISED.			
						Area irrigated.	Percentage total area.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Blr.	10½	...	10½	10½	...	...	...	...	...	...	...	...	...	...	...	...	4 M. Cubic Feet.
Rajol . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.45 " "
Jalla New Tank	3½	30½	34½	...	34½	...	...	...	...	...	...	...	...	...	...	...	Tank had no water above sluice level and therefore no measurements were taken.
Bajal New and Old Tank	17½	134	151½	6½	145½	...	...	...	...	...	...	...	...	...	...	...	$\frac{15 \cdot 60}{151 \frac{1}{2}} = 104$ M. C. feet per acre.
Chilar Tank	2	26	28	...	28	...	...	...	...	...	...	...	...	...	...	...	$\frac{2 \cdot 33}{28} = 08$ M. C. feet per acre.

E. O. GIBSON, I.O.S.,
Commissioner, Ajmer-Merwara.

II-E.

during the year 1922-23.

Statement showing incidence of Working Expenses and assessed water Revenue on Irrigation works in Ajmer-Merwara, during the year 1922-23.													
Class of work.	Average discharge of the year at duct head in cubic feet per second.	WATER REVENUE ASSESSED.				Working expenses, Direct and Indirect.	Acres irrigated during the year.	WORKING EXPENSES.		WATER REVENUE PER ACRE IRRIGATED.		REMARKS.	
		Direct.	Indirect.	Miscellaneous.	Total.			Per cent. on gross Revenue.	Per acre irrigated.	Direct.	Indirect.		
1	2	3	4	5	6	7	8	9	10	11	12	13	
GEOR HATE TANKS.													
Ajmer Sub-Collectorate	...	Rs. 2,185	Rs. ...	Rs. 491	Rs. 2,679	Rs. 1,358	408½	50.7	3.3	5.3	...		
Benwar	...	2,375	...	463	2,828	712	419½	25.2	1.7	5.6	...		
Todgarh	...	1,115	...	135	1,250	747	230	59.8	3.2	4.9	...		
Total	...	5,675	...	1,082	6,757	2,817	1,058	41.6	2.7	5.3	...		
FIELD AND VARIADLY ASSESSED TANKS.													
Ajmer Sub-Collectorate	...	2,297	32,008	1,808	36,713	92	5,645	26	0.2	4	6.0		
Benwar	...	2,734	25,887	1,221	29,802	139	2,153½	46	0.6	1.3	11.9		
Todgarh	...	1,019	17,537	198	19,154	43	1,055	22	0.4	9	16.9		
Total	...	6,100	76,432	3,227	85,759	274	8,766½	32	0.8	7	8.7		
GRAND TOTAL	...	11,775	76,433	4,304	92,616	8,091	9,824½	21	3	12	7.7		

E. C. GIBSON, I.C.S.,

Commissioner, Ajmer-Merwara.

P. W. D. Statement II-F.

Statement showing incidence of Working Expenses and assessed water Revenue on Tanks in Ajmer and Beawar Tahsils for 1922-23.

Name of work.	WATER RATE ASSESSED.							WORKING EXPENSES.					OCCUPIER'S RATE.		TOTAL WATER RATE, DIRECT AND INDIRECT.		REMARKS.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		17	18
		Average discharge of the year at canal head, cubic feet per second.	Occupier's.	Owner's.	Direct.	Indirect.	Total direct and indirect.	Gross assessed revenue from all sources.	Working expenses, direct or indirect.	Area irrigated during the year.	Percentage on gross revenue.	Per acre irrigated.	Per cubic feet per second of discharge of canal head.	Per acre irrigated.	Per cubic feet per second of discharge of canal head.	Per acre irrigated.	Per cubic feet per second of discharge of canal head.	
Bir	Rs. A. P. 1 14 0	Rs. ..	Rs. 20	Rs. ..	Rs. 20	Rs. 77	Rs. A. P. 148 0 0	10½	More than cent per cent.	Rs. A. P. 14 09	..	Rs. A. P. 1 14 0	..	Rs. A. P. 1 14 0	..	
Rajosi	12	147 0 0	..	"	..	..	..	..	..	..
Jalia Tank	922	..	922	1,070	232 18 0	151½	206	1 8 9	..	..	..	6 2 0	..	
Bahad New and Old Tank.	478	..	478	666	183 13 0	31½	325	6 4 0	..	..	..	13 10 0	..	
Chillar Tank	112	..	112	139	124 14 0	28	892	4 7 0	..	..	..	4 0 0	..	

F. G. GIBSON, I.C.S.,
Commissioner, Ajmer-Merwara.

IV.-E.

Comparative Statement of Irrigation and Rainfall for the year 1922-1923 in the Ajmer-Merwara District.

Civil District.	OF THE CIVIL DISTRICT.		WORKS SUPPLYING IRRIGATION.		Culturable area commanded by the Irrigation Works in column 6 in acres.	Area at present estimated as annually irrigable by the works specified in column 6.	AREA IRRIGATED IN ACRES.						RAINFALL INCHES.		
	Total area in acres.	Culturable area in acres.	Cultivated area in acres.	No.			Name	1921-1922.			1922-1923.			1921-1922.	1922-1923.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CROP RATE TANKS.															
Ajmer Sub-Collectorate						...	1,497	213½	524½	738	240	168½	408½		
Beawar Do.						...	1,750	659½	1,045½	1,605½	107½	298½	406½		
Todgarh Do.						...	351	139½	247½	383½	72	157½	229½		
Total						...	3,598	909½	1,817½	2,726½	419½	624½	1,044½		
VARIABLE TANKS.															
Ajmer Sub-Collectorate						12,412	12,916	3,926	3,723	7,647	3,384½	566	3,950½	10'-80"	13'-20"
Beawar Do.						2,318	3,700	2,057½	355½	3,013	439½	948½	1,387½	17'-86"	12'-75"
Todgarh Do.						740	981	116½	139½	255½	115	194	309	17'-75"	13'-37"
Total						15,470	17,597	6,099½	4,816½	10,916½	3,938½	1,708½	5,647		
FIXED TANKS.															
Ajmer Sub-Collectorate						4,868	5,170	70	80	100	612	982½	1,594½		
Beawar Do.						8,129	3,300	2300	473½	2,773½	467	309	776		
Todgarh Do.						1,747	1,957	736½	281	1,017½	565	221	726		
Total						9,745	10,427	3,106½	784½	3,891	1,584	1,211	3,098½		
Grand Total						25,215	31,622	10,115½	7,418½	17,633½	5,932½	3,846½	9,788		

NOTE.—When a Civil District is irrigated from two or more Irrigation Works, columns 7—14 inclusive should be detailed separately for each Civil District.

NOTE.—When a Civil District is irrigated from two or more Irrigation Works, columns 7—14 inclusive should be totalled separately for each Civil District so irrigated.

J. A. O. FITZPATRICK, I.O.S.,
Commissioner Ajmer-Merwara.

Statement

Statement of experimental cuttings of crops in Ajmer-Merwara

Tank.	Village.	Name of cultivator.	Harvest and area of field.	Area cont.	Distance of field from tank.	Whether irrigated by lift or flow and number of waterings.	Weight of grain cut.
1	2	3	4	5	6	7	8
AJMER TEHSIL.				Big. Bis.			Mds. s. ch.
Chat	Chat	Ram Nath, son of Pratap Jat.	<i>Kharif.</i> Cotton field, No. 308, 1 Bigha, 19½ Biswas.	1—19½	About 1,400 feet.	Flow 2 waterings	8 0 0
Do.	Do.	Chhogu, son of Parsa Balai.	<i>Rabi.</i> Gujji field, No. 197, 19 2 Bighas, 18 Biswas.	2—18	In the bed of tank.	Agor (bed)	7 0 0
Jagpura	Jagpura	Sanota, son of Ghisa Jat.	<i>Kharif.</i> Maize field, No. 343, 1 Bigha, 5 Biswas.	1—5	About 300 feet.	Flow 1 watering	5 0 0
Do.	Do.	Dora, son of Jai Ram Balai.	<i>Kharif.</i> Cotton field, No. 375, 1 Bigha, 5½ Biswas.	1—5½	About 400 feet.	Flow 2 waterings	4 0 0
Nirjaran	Nirjaran	Magna, son of Gaisha Khati.	<i>Kharif.</i> Cotton field, No. 473, 2 Bighas.	2—0	About 1,000 yds.	Flow 1 watering	8 0 0
Do.	Do.	Sawai, son of Gudha Gujar.	<i>Kharif.</i> Maize field, No. 793, 3 Bighas, 5½ Biswas.	3—5½	About 800 yds.	Flow 1 watering	20 0 0
BEAWAR TEHSIL.							
Nil.							
TODGARH TEHSIL.							
Nadinala	Barar	Lala, son of Jassa	<i>Kharif.</i> Maize field, 1 Bigha, 4 Biswas.	0—5	440 yards.	Flow 1 watering	205 lbs.

VI.

during 1922-23,—Fasli 1330.

Weight of straw cut.	PRODUCE PER ACRE.		VALUE PER ACRE.			Deduct expenditure.	Profit.	REMARKS.
	Grain.	Straw.	Grain.	Bhusa.	Total.			
9	10	11	12	13	14	15	16	17
Mds. s. ch.	Mds. s. ch.	Mds. s. ch.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
...	13 0 0	...	156 0 0	...	156 0 0	95 0 0	61 0 0	
7 0 0	6 0 0	6 0 0	24 0 0	3 0 0	27 0 0	24 0 0	3 0 0	
3 20 0	10 0 0	7 0 0	30 0 0	5 0 0	35 0 0	31 0 0	4 0 0	
...	8 0 0	...	95 0 0	...	95 0 0	65 0 0	31 0 0	
...	10 0 0	...	120 0 0	...	120 0 0	85 0 0	35 0 0	
20 0 0	15 0 0	15 0 0	45 0 0	5 0 0	50 0 0	35 0 0	15 0 0	
348 lbs.	2,050 lbs.	3,489 lbs.	75 0 0	8 0 0	83 0 0	25 0 0	58 0 0	

E. C. GIBSON, I.C.S.,

Commissioner, Ajmer-Merwara.